thymidine kinase (TK) gene of herpes simplex virus and gancyclovir, TK gene of varicella-zoster virus and 6-methoxypurine arabinonucleoside, cytosine deaminase gene of *E. coli* and 5-fluorocytosine, and purinenucleoside phosphorylase of *E. coli* and 6-methylpurine-2'-deoxyriboside.--

Please delete the paragraph on page 68 spanning lines 5-8, and replace it with the following substitute paragraph:

--The plasmid pLTR43 was cut by a restriction enzyme *Eco*RV, and a segment containing an integrase gene that had been amplified using IN53 and NLSPO35 was ligated to the ends arising from the cutting by *Eco*RV to form a final plasmid pLTR435 (refer to Fig.5).--

Please delete the paragraph spanning page 71, line 17 through page 72, line 3, and replace it with the following substitute paragraph:

--Fertilized eggs of white leghorn chicken of Line-M(C/O) described above, which were free from retroviruses, were incubated for 48 hours. On one side of each egg was formed a window having a diameter of about 1cm, through which a DNA-transferrin-poly L lysine complex prepared by the transferrinfection kit (*i.e.*, the same complex as that used in Example 2 for the purpose of the transfection into MEL cells) was injected into the lower cavity of a blastoderm of embryos at a development stage in an amount of about 2ul/embryo using a glass capillary tube. The window was sealed with a strip of vinyl tape and incubation was continued until hatching. Blood samples were collected from the wing vein of the chicks two weeks after hatching.--

Please delete the paragraph on page 73, line 14 through page 74, line 3, and replace it with the following substitute paragraph:

--A plasmid pGCSF was prepared b replacing the EGFP gene on the plasmid pEGFP-C1 (Clontech) with a feline G-CSF gene (Fig.15). The plasmid was cleaved with a restriction enzyme *Mlu*I. A fragment containing an LTR-LTR but not an integrase gene (which is referred to as an LTR-LTR fragment in Example 4) and a fragment containing an LTR-LTR-integrase gene region (which is referred to as an LTR-LTR-integrase fragment in Example 4) were cleaved out from the plasmid pLTR43 and pLTR435, respectively, with a restriction enzyme *Hinc*II.